## Änderung der refresh rate in der Nvidia Systemsteuerung

Wenn Sie eine diskrete Grafikkarte benutzen, achten Sie bitte darauf, dass diese als priorisiertes Gerät gewählt ist.

Schritt 1:



Zuerst auf den kleinen Pfeil unten rechts am Bildschirmrand klicken(1.). Danach öffnet man per Rechtsklick die Auswahlmöglichkeiten der NVIDIA GeForce Experience(2.). Nun wählt man "Open NVIDIA Control Panel" aus(3.).

Schritt 2:

🛃 NVIDIA Control Panel
File Edit Desktop Display Help
🕞 Back 🔻 🕥 🐇
Select a Task
-Adjust image settings with preview
Manage 3D settings
Configure Surround, PhysX
🖨 Display
Change resolution 1
Adjust desktop colour
Rotate display
Set Up Digital Audio
Adjust desktop size and position
Set up multiple displays
🚊 · Video
Adjust video colour settings
Adjust video image settings

In dem Fenster was sich nun öffnet wählt man links unter Display "Change resolution" aus(1.).

Schritt 3:

1. Select the display you would like t	to change.
Laptop Display	
2. Choose the resolution.	
Connector:	
Laptop display	
Resolution:	Refresh rate:
PC	∧ 75Hz ∨
1920 × 1080 (native)	-
1600 × 1030	
1600 × 900	
1366 × 768	
1280 × 1024	~
1. Customise	
3. Apply the following settings.	
Desktop colour depth:	Output colour depth:
Highest (32-bit) $\sim$	6 bpc ~
Description: Increasing the resolution displays more in	nformation but in a smaller size. Decreasing the resolution displays
Typical usage scenarios: • Increasing the size of the information • Viewing more information	

In dem Fenster, welches sich in der Mitte öffnet, klickt man auf "Customise"(1.).

Schritt 4:

Custom	ise	×
	Select the resolutions that you want to add. You can create a custom resolution for a displa that may not use a standard Windows resolution. Note that applying these resolutions may result in a temporary blank display.	зу
	Resolutions:	
	Click Create Custom Resolution to add items.	
	Enable resolutions not exposed by the display	
1.	Create Custom Resolution	
	OK Cancel	

Nun wählt man in dem geöffnetem Fenster den Punkt "Create Custom Resolution"(1.). Bitte bestätigen Sie die AGBs.

Schritt 5:

Display mode (as reported	d by Windows)				
Horizontal pixels:	1920	1	Vertical lines: 1	080 🜩	
Refresh rate (Hz):	100	1.	Colour depth (bpp): 3	2 ~	
Scan type:	Progressive				
Timing					
Standard: At	itomatic	$\sim$			
	Horizontal		Vertical		
Active pixels:	1920 🜲		1080 🐥		
Front porch (pixels):	48 🐥		3		
Sync width (pixels):	32 💂		5		
Total pixels:	2080 🐥		1111 🗘		
Polarity:	Positive (+)	$\sim$	Negative (-)		
Refresh rate:	83.32 KHz		100.000 🚔 Hz	Pixel clock: 173.3160 MHz	

Jetzt muss man in dem geöffnetem Fenster oben unter "Refresh rate (Hz):" den Wert von 75 auf 100 setzen(1.). Und klickt anschließend auf Test(2.).

Schritt 6:

	d by windows)		-	-
Horizontal pixels:	1920	Vertical lines:	1080	-
Refresh rate (Hz):	100	Colour depth (bpp):	32	~
Scan type:	Progressive	v		
- Apply Changes	;			×
Standi 👫 Test (32-b Do yo Actir	successful. Custom resol it) has been applied. ou want to save this reso	lution 1920 x 1080 at 100Hz		
Stand Test (32-b Do yo Activ Fror Reve	successful. Custom resol it) has been applied. ou want to save this reso rting in 9 seconds 1	lution 1920 x 1080 at 100Hz	No	
Stand Stand (32-b Acth Fror Sync width (pixels):	successful. Custom resol it) has been applied. ou want to save this reso rting in 9 seconds 32 32 5 5 5 5 5 5 5 5 5 5 5 5 5	lution 1920 x 1080 at 100Hz	No	
Stand: Test (32-b Do yo Activ Fror Sync width (pixels): Total pixels:	successful. Custom resol it) has been applied. nu want to save this reso rting in 9 seconds 1 32 2080 \$	lution 1920 x 1080 at 100Hz	No	
Stand: Stand: (32-b Do yo Actin Fror Sync width (pixels): Total pixels: Polarity:	successful. Custom resol it) has been applied. ou want to save this reso rting in 9 seconds 1 32 2080 Positive (+)	lution 1920 x 1080 at 100Hz	No	]
Stand: Stand: (32-b) Do yo Actri Fror Sync width (pixels): Total pixels: Polarity: Refresh rate:	successful. Custom resol it) has been applied. ou want to save this reso rting in 9 seconds 1 32 2080 Positive (+) 83.32 KHz	Ves	No Pixe 173	el clock:

Nach dem der Test erfolgreich durchgeführt wurde, wird man von dem Programm gefragt ob man die Einstellung speichern möchte. Hier wählt man dann "Yes" aus(1.).

Schritt 7:

1. Select the display you would like to	o change.	
Loptop Display		
2. Choose the resolution.		
Connector:		
Laptop display		
Resolution:	Refresh rate:	
1. PC		
1920 × 1080 (native) 1680 × 1050		
1600 × 1024		
1366 × 768	×	
Customise		
3. Apply the following settings.		
Desktop colour depth:	Output colour depth:	
Highest (32-bit) $\sim$	6 bpc v	
escription: Increasing the resolution displays more inf	formation but in a smaller size. Decreasing the resolution displays less information but in a larger size.	
ypical usage scenarios: • Increasing the size of the information • Viewing more information		Ν
		· · · · ·
		2. Apply Cancel
		·/

Wenn man die Einstellungen erfolgreich gespeichert hat, dann wählt man in den Wahlmöglichkeiten unter "Custom" seine eigene Displayeinstellung(1.) aus und klickt unten rechts auf Apply(2.).

Schritt 8:

Apply Ch	anges			×
<b>9</b>	Your desktop configuration Would you like to keep the	has changed. se changes?		
	Reverting in 10 seconds		Yes	No

Anschließend wird man gefragt ob man die Konfigurationen final speichern will und wählt auch hier "Yes" aus(1.). Danach schließt man das Programm und die Einstellungen sind geändert.